

# Sugarcane Harvester

**Innovator:** Mr. P Kandaraj, Madurai, Tamil Nadu

- It is engine powered single row harvester
- It has rotary serrated blade to cut the canes
- There is clutch arrangement for engaging/disengaging the cutting tool.
- The present prototype has TVS 50 engine and is petrol run
- The weight of the harvester is 13 kg
- Height of cut can be adjusted according to requirement
- Can be used for plant to plant spacing > 90 cm
- It has been tested by TNAU and suggested to increase the capacity of engine which was found to be seized after cutting 2-3 canes only. Optimization of blade angle, wheel spacing and cutting speed also needed



- To design and develop the value added prototype